

Title (en)
INTERPROXIMAL SQUIRT BRUSH

Title (de)
INTERPROXIMALE SPRITZBÜRSTE

Title (fr)
BROSSE A JET INTERPROXIMAL

Publication
EP 1659975 B1 20160113 (EN)

Application
EP 04757149 A 20040720

Priority

- US 2004023287 W 20040720
- US 63711603 A 20030808
- US 83745104 A 20040429

Abstract (en)
[origin: WO2005016169A1] An interproximal squirt brush includes a solution container (10) having a compressible brush head (20) a brush arm and a brush member. The brush arm has a brush portion and a retention portion (212) slidably inserted into the opening of the solution container, wherein a dispensing channel (200) is formed between the retention portion of the brush arm (21) and the inner wall of the nozzle head (12) for allowing the solution to pass therethrough. The brush member is provided at the brush portion of the brush arm. Therefore, when a compression force is applied on the solution container, the solution is released to the brush member through the dispensing channel of the nozzle head.

IPC 8 full level
A61C 1/10 (2006.01); **A46B 7/04** (2006.01); **A46B 11/00** (2006.01); **A61C 15/00** (2006.01); **A61C 17/02** (2006.01)

CPC (source: EP KR US)
A46B 7/04 (2013.01 - EP US); **A46B 11/00** (2013.01 - KR); **A46B 11/0024** (2013.01 - EP US); **A46B 11/0041** (2013.01 - EP US); **A61C 15/00** (2013.01 - EP US); **A61C 17/00** (2013.01 - KR); **A61C 17/0202** (2013.01 - EP US); **A46B 2200/108** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005016169 A1 20050224; AU 2004264870 A1 20050224; CA 2534918 A1 20050224; CA 2534918 C 20100622; EP 1659975 A1 20060531; EP 1659975 A4 20080123; EP 1659975 B1 20160113; JP 2007501651 A 20070201; JP 4503602 B2 20100714; KR 100683475 B1 20070220; KR 20060060009 A 20060602; TW M269047 U 20050701; US 2005147460 A1 20050707; US 7232310 B2 20070619

DOCDB simple family (application)
US 2004023287 W 20040720; AU 2004264870 A 20040720; CA 2534918 A 20040720; EP 04757149 A 20040720; JP 2006522584 A 20040720; KR 20067002667 A 20060207; TW 93212144 U 20040730; US 6922505 A 20050228